Sebastian Gonzalez

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EDUCATION

- The University of Texas at El Paso (UTEP) | 2017 – current
  - Bachelor of Science in Computer Science, May 2019

- El Paso Community College, El Paso, Texas | 2014 - 2016
  - Associate of Arts in Computer Science

EXPERIENCE

- **Center for Transportation Infrastructure Systems (CTIS) – UTEP Research Center** | Current
  - **Full Stack Developer – JavaScript, PHP, HTML, SQL, Dart (AngularDart)** - Efficiently maintaining and creating multiple websites with various tools such as **Bootstrap**, as well as providing continuous **database & server management**.
- **The University of Texas at El Paso** | 2017 - 2018
  - Office of Financial Aid **–** Worked with Excel and assisted in customer service.
  - Office of Records Management **–** Helped in the management of confidential records and warehouse duties.
- **El Paso Community College - Student Technology Services** | 2015 - 2016
  - Improved **teamwork** abilities. Provided **efficient communication skills** by talking to our customers on a daily basis. Optimized **customer service** skills by handling special situations in a respectful and professional manner.

RESEARCH PROJECTS

- **Web Application/Crash Analysis Tool – TXDOT/CTIS/MPO** | 2018 - 2020
  - Currently working with **El Paso Metropolitan Planning Organization, TXDOT, and CTIS** in the development of a **Web Application** with an interactive map which will show data about pedestrian and bicycle crashes. This research will serve to **develop countermeasures** and reduce the amount of crashes involving pedestrians and bicyclists.

UNDERGRADUATE PROJECTS

- **Network Sniffer Aiding Tool** | 2018
  - This project consisted on developing a multi-platform desktop application to aid network analysts. Built 100% in **Python**.
- **Raspberry Pi Web Server** | 2018
  - Created a web server using the **Django python framework** in a Raspberry Pi computer under the guidance of Dr. Christian Servin and in accordance with **cyber-security** guidelines.
- **Sudoku on Android** | 2018
  - Built from scratch a fully functional Sudoku game for **Android OS** using **Java**.
- **Science Fair Database** | 2017
  - Assisted a local elementary school to keep track of all the scores at their district science fair. It is composed of a **website** and a **database** which were created with **PHP** and **SQL** respectively. This project helped me to increase my **teamwork** and **communication** skills.
- **Social Network** | 2016
  - Focused on **Java** by elaborating multiple classes with **Hash-map** and **Linked-list** attributes with the goal to emulate a social network.
- **Pacman** | 2015
  - Enhanced my **2-D array** knowledge in **Java** by creating a basic replica of the game "Pac-Man".

AWARDS & ACHIEVEMENTS

- Historian-Webmaster at the Center for Transportation Infrastructure Systems. | 2018 - 2019

TECHNICAL SKILLS

Java	Assembly	Dart
C	Python	Full Stack Development
SQL	PHP	

OTHER SKILLS

Windows, Linux, Mac OS, Android	MS Office (Word, PowerPoint, Excel, Visio, Teams, Outlook, StaffHub)	Google (Sheets, Docs, Slides, Drive)
GitHub		Bilingual (English, Spanish)